

CLAIMS

Claim 1. Wearable pixelated apparel comprised of at least one highly flexible and lightweight pixelated material having a contiguous imaging surface comprised of a multitude of pixels, wherein

- a. at least one of said pixelated material is shaped to conform to a three-dimensional portion of a human body;
- b. said at least one pixelated material is equipped with a communications link to communicate with at least one image-playback / image-control apparatus;
- c. said image-playback / image-control apparatus is equipped to playback, control and shape display imagery in conformance with the size and the shape of said at least one pixelated material;

said apparatus comprising:

- at least one control circuit,
- at least one intelligent controller,
- at least one electronic power source,
- at least one input/output interface means to receive and send digital media content,
- at least one digital media content playback means,
- a user interface means for a user to communicate with said apparatus and to control the playback of at least one source of digital media content, and
- intelligent controller software responsive to user input from said user interface means.

Claim 2. The ~~visually dynamic pixelated image displaying~~ wearable pixelated apparel of claim 1 comprised of a plurality of flexible lightweight pixelated material segments wherein at least one portion of a perimeter edge of one of said pixelated material ~~segments~~ segments is adjoined to at least one portion of a perimeter edge of another of said ~~segments~~ segments by suitable apparel segment attachment means.

1 Claim 3. The apparel segment attachment means of claim 2 consisting of at least one heat-sealed
2 joint.

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4 Claim 4. The apparel segment attachment means of claim 2 consisting of at least one joint having
5 at least one sonic-weld.

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7 Claim 5. The apparel segment attachment means of claim 2 consisting of at least one glued joint.

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9 Claim 6. The apparel segment attachment means of claim 2 consisting of at least one adhesive
10 joint.

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12 Claim 7. The apparel segment attachment means of claim 2 consisting of at least one joint having
13 at least one hook-and-loop fastener.

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15 Claim 8. The apparel segment attachment means of claim 2 consisting of at least one joint having
16 at least button that is operative in a button hole.

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18 Claim 9. The apparel segment attachment means of claim 2 consisting of at least one joint having
19 at least one snap.

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21 Claim 10. The apparel segment attachment means of claim 2 consisting of at least one stapled
22 joint.

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24 Claim 11. The apparel segment attachment means of claim 2 consisting of at least one riveted
25 joint.

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27 Claim 12. The apparel segment attachment means of claim 2 consisting of at least one joint
28 having at least one zipper.

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30 Claim 13. The apparel segment attachment means of claim 2 consisting of at least one stapled
31 joint.

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2 Claim 14. The apparel segment attachment means of claim 2 consisting of at least one joint
3 having at least one hook.

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5 Claim 15. The apparel segment attachment means of claim 2 consisting of at least one joint
6 having at least one tongue-in-groove fastener.

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8 Claim 16. The apparel segment attachment means of claim 2 consisting of at least one joint
9 having at least one stitched seam.

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11 Claim 17. The apparel segment attachment means of claim 2 consisting of at least one joint
12 having at least one sewed seam.

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14 Claim 18. The apparel segment attachment means of claim 2 consisting of at least one joint
15 having at least one knotted seams.

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17 Claim 19. The one input/output interface means of claim 1 further comprising at least one port
18 suitable for optical data communication.

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20 Claim 20. The one input/output interface means of claim 1 further comprising at least one port
21 suitable for digital data communication.

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23 Claim 21. The source of digital media content of claim 1 wherein said source is derived from at
24 least one pre-recorded material playback device and said device electronically communicates
25 with said apparatus.

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27 Claim 22. The content of claim 21 consisting of at least one video game that is responsive to user
28 input from a user interface.

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30 Claim 23. The content of claim 21 consisting of at least one advertisement.
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1 Claim 24. The content of claim 21 consisting of at least one promotional message.

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3 Claim 25. The source of digital media content of claim 1 wherein said source is a live wireless
4 transmission and is wirelessly received by said apparatus.

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6 Claim 26. The visually-dynamic pixelated-image displaying apparel of claim 1 comprised of a
7 plurality of flexible lightweight pixelated material segments wherein at least one portion of one
8 of said pixelated material ~~segements~~ segments is adjoined to at least one portion of a another of
9 said segments by suitable apparel segment electronic coupling means.

10 ~~comprised of pre-recorded material.~~

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12 Claim 27. The user interface means of claim 1 wherein said interface is accessible to a user from
13 at least one surface area of said apparel.

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15 Claim 28. The user interface means of claim 1 wherein said interface is substantially housed in a
16 compact enclosure and accessible to a user near at least one surface area of said apparel.